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(54) Title: SYNTHESIS OF 2-METHYL-4-(4-METHYL-1-PIPERAZINYLM)-10H-THIENO[2, 3-B][1,5]BENZODIAZEPINE AND SALTS THEREOF

(57) Abstract: The invention belongs to the field of organic chemistry and relates to a new process for the purification of olanzapine comprising preparation of acid addition salts of olanzapine and transformation thereof into a pharmaceutically acceptable pure and discoloured final product. The present invention also relates to new processes for the preparation of pure olanzapine.